



Docket No.: P9219.0006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Hideki Sato

Application No.: 10/720,253

Confirmation No.: 4097

Filed: November 25, 2003

Art Unit: 2862

For: MAGNETIC SENSOR, AND METHOD OF  
COMPENSATING TEMPERATURE-  
DEPENDENT CHARACTERISTIC OF  
MAGNETIC SENSOR

Examiner: R. Aurora

**RESPONSE TO RESTRICTION REQUIREMENT**

U.S. Patent and Trademark Office  
220 20th Street S.  
Customer Window, Mail Stop Amendment  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Dear Sir:

In response to the restriction requirement set forth in the Office Action mailed September 27, 2005 (Paper No. 09262003), Applicant hereby provisionally elects claim 14 for continued examination.

The Examiner has required restriction between claims 1-13 and 17 drawn to a magnetic sensor with magneto-resistive elements and heat generating elements; claim 14 drawing to a method for compensating a temperature-dependent characteristic of a magnetic sensor; claim 15, drawn to a magnetic sensor comprising a single substrate; and claims 16 and 17, drawn to a magnetic sensor including a substrate.

The Examiner has asserted that the inventions are not a single general inventive concept because "the product as claimed could be used to make another and

materially different product or the product as claimed can be made by another and materially different process." See Restriction Requirement, page 2.

Applicant believes the claim 17 should not be a member of Group I but in Group IV.

Applicant hereby elects Group II (claim 14) and cancels claims 1-13 and 15-17, without prejudice, to expedite allowance of this matter.

Applicant reserves the right to file one or more divisional applications directed to the subject matter of the non-elected claims.

✓ If the Examiner believes an interview would be of assistance, the Examiner is welcome to contact the undersigned at the number listed below.

Dated: December 22, 2005

Respectfully submitted,

By 

Ian R. Blum

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